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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/016,447	12/10/2001	Marc W. Kirschner	0725.1039-009	6973
21005 75	590 10/23/2003		EXAM	INER
HAMILTON, BROOK, SMITH & REYNOLDS, P.C. 530 VIRGINIA ROAD P.O. BOX 9133			ULM, JOHN D	
			ART UNIT	PAPER NUMBER
	MA 01742-9133		1646	
			DATE MAILED: 10/23/2003	3

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)
Office Action Summary		10/016,447	KIRSCHNER ET AL.
		Examiner	Art Unit
		John D. Ulm	1646
Period fo	The MAILING DATE of this communication or Reply	appears on the cover sheet w	ith the correspondence address
THE - External after of the control	MORTENED STATUTORY PERIOD FOR RE MAILING DATE OF THIS COMMUNICATIO ensions of time may be available under the provisions of 37 CF r SIX (6) MONTHS from the mailing date of this communication e period for reply specified above is less than thirty (30) days, a period for reply is specified above, the maximum statutory peure to reply within the set or extended period for reply will, by streply received by the Office later than three months after the material patent term adjustment. See 37 CFR 1.704(b).	N. R 1.136(a). In no event, however, may a solution. In the statutory minimum of thire ariod will apply and will expire SIX (6) MON tatute, cause the application to become Al	reply be timely filed  ty (30) days will be considered timely.  NTHS from the mailing date of this communication.  BANDONED (35 U.S.C. § 133).
1)[	Responsive to communication(s) filed on	·	
2a)□		This action is non-final.	
3)□ Disposit	Since this application is in condition for all closed in accordance with the practice unition of Claims		
4)🖂	Claim(s) 1-49 is/are pending in the applica	ation.	
	4a) Of the above claim(s) is/are with		
5)	Claim(s) is/are allowed.		
	Claim(s) is/are rejected.		
	Claim(s) is/are objected to.		
	Claim(s) <u>1-49</u> are subject to restriction and	or election requirement.	
	ion Papers	·	
9)[	The specification is objected to by the Exam	niner.	
10)	The drawing(s) filed on is/are: a) a	ccepted or b) objected to by t	he Examiner.
	Applicant may not request that any objection to	= : :	• •
11)	The proposed drawing correction filed on	is: a) approved b) d	lisapproved by the Examiner.
	If approved, corrected drawings are required in	n reply to this Office action.	
12)	The oath or declaration is objected to by the	Examiner.	
Priority (	under 35 U.S.C. §§ 119 and 120		
13)	Acknowledgment is made of a claim for for	eign priority under 35 U.S.C.	§ 119(a)-(d) or (f).
a)	☐ All b)☐ Some * c)☐ None of:		
	1. Certified copies of the priority docum	ents have been received.	
	2. Certified copies of the priority docum	ents have been received in A	pplication No
* (	3. Copies of the certified copies of the paper application from the International See the attached detailed Office action for a	Bureau (PCT Rule 17.2(a)).	•
	Acknowledgment is made of a claim for dom	•	
	a) The translation of the foreign language		
	Acknowledgment is made of a claim for dom		
Attachmen		, ,	
2) 🔲 Notic	ce of References Cited (PTO-892) ce of Draftsperson's Patent Drawing Review (PTO-948) mation Disclosure Statement(s) (PTO-1449) Paper No(	5) Notice of	Summary (PTO-413) Paper No(s)  Informal Patent Application (PTO-152)

Art Unit: 1646

Claims 1 to 49 are pending in the instant application.

Restriction to one of the following inventions is required under 35 U.S.C. 121:

- 1. Claims 1 to 6, 8 to 12, 14 to 18, drawn to a ligand-specific binding assay employing a recombinant cell, classified in class 435, subclass 7.2.
- II. Claims 7, 13, 19, 48 and 49, drawn to an FGF receptor ligand of unspecified constitution, classified in class 530, subclass 350.
- III. Claims 20 and 38 to 40, in so far as they are drawn to an oligonucleotide probe hybridizing to a polynucleotide of SEQ ID NO:1, and method of use, classified in class 435, subclass 6.
- IV. Claims 20 and 38 to 40, in so far as they are drawn to an oligonucleotide probe hybridizing to a polynucleotide of SEQ ID NO:3, and method of use, classified in class 435, subclass 6.
- V. Claims 21 and 22, in so far as they are drawn to a pharmaceutical composition comprising a polypeptide of SEQ ID NO:2, classified in class 514, subclass 2.
- VI. Claims 21 and 22, in so far as they are drawn to a pharmaceutical composition comprising a polypeptide of SEQ ID NO:4, classified in class 514, subclass 2.
- VII. Claims 23 to 26, 33 and 34, in so far as they are drawn to a method of treatment by administering a polypeptide of SEQ ID NO:2, classified in class 514, subclass 2.
- VIII. Claims 23 to 26, 33 and 34, in so far as they are drawn to a method of treatment by administering a polypeptide of SEQ ID NO:4, classified in class 514, subclass 2.

Application/Control Number: 10/016447 Page 3

Art Unit: 1646

IX. Claims 27 to 32, in so far as they are drawn to a method of treatment by administering a compound of unspecified constitution that is an antagonist to a polypeptide of SEQ ID NO:2, classified in class 514, subclass undeterminable.

- X. Claims 27 to 32, in so far as they are drawn to a method of treatment by administering a compound of unspecified constitution that is an antagonist to a polypeptide of SEQ ID NO:4, classified in class 514, subclass undeterminable.
- XI. Claims 35 to 37, 41 and 42, in so far as they are drawn to an antibody that binds to a polypeptide of SEQ ID NO:2, and a method of use, classified in class 530, subclass 388.22.
- XII. Claims 35 to 37, 41 and 42, in so far as they are drawn to an antibody that binds to a polypeptide of SEQ ID NO:4, and a method of use, classified in class 530, subclass 388.22.
- XIII. Claims 43 to 47, drawn to a "chimeric fusion protein", classified in class 530, subclass 350.

The inventions are distinct, each from the other because of the following reasons:

The ligand of unspecified constitution that is invention II, the two different oligonucleotide probes of inventions III and IV, the polypeptide of SEQ ID NO:2 that is invention V, the polypeptide of SEQ ID NO:4 that is invention VI, the antagonist to a polypeptide of SEQ ID NO:2 that is employed in the method of invention IX, the antagonist to a polypeptide of SEQ ID NO:4 that is employed in the method of invention X, the antibody that binds to a polypeptide of SEQ ID NO:2

Application/Control Number: 10/016447 Page 4

Art Unit: 1646

that is invention XI, antibody that binds to a polypeptide of SEQ ID NO:4 that is invention XII, and the chimeric receptor protein of invention XIII are ten different chemical compounds each of which can be made and used without the others. These ten different compounds lack unity of invention because they do not share a common utility that is based upon a common special technical feature or combination of features lacking from the prior art.

Inventions I and XIII are related as product and process of use. The inventions can be shown to be distinct if either or both of the following can be shown: (1) the process for using the product as claimed can be practiced with another materially different product or (2) the product as claimed can be used in a materially different process of using that product (MPEP § 806.05(h)). In the instant case the process as claimed does not require the chimeric receptor of invention XIII because it can be practiced with a native receptor protein.

Each of inventions V and VI are related to each of inventions VII and VIII as product and process of use, respectively. They are shown to be distinct because each of the products as claimed can be employed to produce antibodies thereto, which is a process that is materially different from the claimed process of treatment.

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.

Application/Control Number: 10/016447 Page 5

Art Unit: 1646

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(l).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to John D. Ulm whose telephone number is (703) 308-4008. The examiner can normally be reached on Monday through Friday from 9:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yvonne Eyler can be reached at (703) 308-6564.

Official papers filed by fax should be directed to (703) 308-4242 or (703) 872-9306. Official responses under 37 C.F.R. § 1.116 should be directed to (703) 872-9307.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 308-0196.

JOHN ULM PREST : EXAMINER OROUP 1800